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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Previously Presented):   A method comprising:

    receiving product movement information including a source location, a destination
        location and a transportation device; and

    generating, based on the product movement information, a report identifying commingled
        products of a similar type that have been stored together into a single lot.

Claim 2 (Original):   The method of claim 1, wherein generating a report comprises determining
    a plurality of lots based on the product movement information.

Claim 3 (Original):   The method of claim 2, wherein determining a plurality of lots comprises
    assigning a new lot identifier when the products are commingled at a location.

Claim 4 (Original):   The method of claim 1, wherein the product movement information
    includes a designation of a farm, a field and time harvested.

Claim 5 (Original):   The method of claim 1 further comprising issuing a recall order recalling a
    lot determined to be contaminated.

Claim 6 (Original):   The method of claim 5 further comprising:

    determining all lots that have been commingled with the contaminated lot; and

    recalling all the lots determined to have been commingled with the contaminated lot.

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Claim 7 (Original):   The method of claim 1 further comprising:

presenting a contract interface to define contracts between producers and customers based on order established by the customers; and

providing a contract module to monitor contract generation and prevent a contract from being generated that is in excess of the order.

Claim 8 (Original):   The method of claim 1, further comprising presenting an interface to define programs for tracking a given lot.

Claim 9 (Original):   The method of claim 8, further comprising presenting an interface for receiving program information to establish checklists for procedures for moving and storing the given lot.

Claim 10 (Original):   The method of claim 8, further comprising:

presenting an interface for receiving program information for establishing parameters for certifying actions taken in moving and storing the given lot; and

receiving an indication that the actions have been certified.

Claim 11 (Original: The method of claim 1, wherein the identification of the lot further comprises an indication of the character of the product.

Claim 12 (Original):   The method of claim 11, wherein the product is a grown commodity and the indication of the character of the product includes the seed variety used to grow the commodity.

Claim 13 (Original):   The method of claim 11, wherein the product is a grown commodity and the indication of the character of the product includes an indication of whether the commodity is bio-engineered.

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Claim 14 (Original):   The method of claim 11, wherein the product is a grown commodity and the indication of the character of the product includes an indication of whether the commodity is conventionally grown.

Claim 15 (Original):   The method of claim 11, wherein the product is a grown commodity and the indication of the character of the product includes an indication of whether the commodity is organically grown.

Claim 16 (Withdrawn):   A method comprising:

receiving product movement information including a location identification; and

storing the product movement information, wherein the product movement information includes an indication of a time in, a time out, a location identification, and an indication of whether the location was clean and empty when receiving the lot.

Claim 17 (Withdrawn):   The method of claim 16 further comprising receiving a lot identifier.

Claim 18 (Withdrawn):   The method of claim 17 wherein a new lot identifier is assigned to each new lot and a new lot is created each time two lots are commingled.

Claim 19 (Withdrawn):   The method of claim 16, wherein the location information indicates a transportation device.

Claim 20 (Withdrawn):   The method of claim 16 further comprising tracing the lot to determine the location that the lot has been in and to determine every product that has been commingled with the lot.

Claim 21 (Withdrawn):   The method of claim 20 further comprising generating a report of the traced lot.

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Claim 22 (Withdrawn):   The method of claim 16 further comprising issuing an order
    recalling a lot determined to be contaminated.

Claim 23 (Withdrawn):   The method of claim 22 further comprising:
    determining all lots that have been commingled with the contaminated lot; and
    recalling all the lots determined to have been commingled with the contaminated lot.

Claim 24 (Withdrawn):   The method of claim 16 further comprising providing an interface
    for allowing the customer to define programs for tracking a given lot.

Claim 25 (Withdrawn):   The method of claim 16 wherein the product movement
    information is received from a business entity.

Claim 26 (Withdrawn):   The method of claim 24 further comprising providing an interface
    for establishing checklists of procedures for moving and storing the given lot that must
    be followed to comply with the program.

Claim 27 (Withdrawn):   The method of claim 24 further comprising:
    providing an interface for establishing parameters for certifying actions taken in moving
            and storing the given lot; and
    receiving an indication that the actions have been certified.

Claim 28 (Withdrawn):   The method of claim 27, wherein receiving the indication includes
    electronically receiving a certification document.

Claim 29 (Withdrawn):   The method of claim 16, wherein the identification of the lot
    further comprises an indication of the character of the product.

Claim 30 (Withdrawn):   The method of claim 29 wherein the product is a grown

    commodity and the indication of the character of the product includes the seed variety

    that was used to grow the commodity.

Claim 31 (Withdrawn):   The method of claim 29 wherein the product is a grown

commodity and the indication of the character of the product includes an indication of whether

the commodity is bio-engineered.

Claim 32 (Withdrawn):   The method of claim 29, wherein the product is a grown

commodity and the indication of the character of the product includes an indication of whether

the commodity is conventionally grown.

Claim 33 (Withdrawn):   The method of claim 29, wherein the product is a grown

commodity and the indication of the character of the product includes an indication of whether

the commodity is organically grown.

Claim 34 (Withdrawn):   A method comprising:

    receiving lot identification information from a producer;

    receiving storage location information for each storage location the lot is stored in

        including an identification the storage location, an indication of a time in, a time

        out, and a clean and empty status;

    receiving transportation information about each transportation device the lot is

        transported in, including an identification the transportation device, an indication

        of a time in, a time out, and a clean and empty status;

    storing the received information in a database; and

    displaying a tracking interface for tracking a lot based on the information in the database.

Claim 35 (Withdrawn):   The method of claim 34 wherein new lot identification information

    is assigned to each new lot and a new lot is created each time two lots are commingled.

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Claim 36 (Withdrawn): The method of claim 34, wherein the received storage location information also includes an identification of any other products that the lot may be commingled with during storage.

Claim 37 (Withdrawn): The method of claim 34, wherein the received transportation information also includes an identification of any other products that the lot may be commingled with during storage.

Claim 38 (Withdrawn): The method of claim 34, wherein lot identification information is a designation of a farm, a field and a time harvested.

Claim 39 (Withdrawn): The method of claim 34 further comprising tracing the lot to determine each storage location and transportation device that the lot has been in previously.

Claim 40 (Withdrawn): The method of claim 39, wherein tracing the lot identifies every product that has been commingled with the lot.

Claim 41 (Withdrawn): The method of claim 34 further comprising:
determining if a lot is contaminated; and
issuing an order recalling a contaminated lot.

Claim 42 (Withdrawn): The method of claim 41 further comprising:
identifying each lot the contaminated lot has been commingled with; and
recalling all lots commingled with the contaminated lot.

Claim 43 (Withdrawn): The method of claim 34 further comprising providing an interface for a customer to define programs for tracking a given lot.

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Claim 44 (Withdrawn):   The method of claim 43 further comprising providing an interface
for establishing checklists for procedures for moving and storing the given lot that must
be followed to comply with the program.

Claim 45 (Withdrawn):   The method of claim 44 further comprising:
providing an interface for establishing parameters for certifying actions taken in moving
and storing the given lot; and
receiving an indication that the actions have been certified.

Claim 46 (Withdrawn):   The method of claim 45, wherein receiving the indication includes
electronically receiving a certification document.

Claim 47 (Withdrawn):   The method of claim 34, wherein the identification of the lot
further comprises an indication of the character of the product.

Claim 48 (Withdrawn):   The method of claim 47, wherein the product is a grown
commodity and the indication of the character of the product includes the seed variety
that was used to grow the commodity.

Claim 49 (Withdrawn):   The method of claim 47, wherein the product is a grown
commodity and the indication of the character of the product includes an indication of
whether the commodity is bio-engineered.

Claim 50 (Withdrawn):   The method of claim 47, wherein the product is a grown
commodity and the indication of the character of the product includes an indication of
whether the commodity is conventionally grown.

Claim 51 (Withdrawn):   The method of claim 47, wherein the product is a grown
commodity and the indication of the character of the product includes an indication of
whether the commodity is organically grown.

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Claim 52 (Previously Presented):   A computer-readable medium comprising instructions
stored thereon causing a programmable processor to:

     present an operating interface to receive operating instructions from a customer to define
          a lot tracking program;

     present a production interface to receive lot identification information from a producer of
          a product, wherein the lot identification information identifies a lot of the product;

     present a transportation interface to receive movement information from a transporter of
          the product including an identification of the transportation device and timing
          information, wherein the timing information includes a time stamp identifying
          when the lot is moved; and

     present a storage interface to receive storage information from a storage facility indicating
          the location where the lot is stored and timing information, wherein the timing
          information includes a time stamp identifying when the lot is stored.

Claim 53 (Original): The computer-readable medium of claim 52, having further instructions
stored thereon to cause the programmable processor to present a tracing interface wherein a
given lot can be identified and its history traced thereby identifying any other lots that have been
commingled with the given lot.

Claim 54 (Original):   The computer-readable medium of claim 52, wherein the timing
     information includes a time the lot moves in and a time the lot moves out.

Claim 55 (Original):   The computer readable medium of claim 52, wherein the storage
     information includes an indication of whether the storage facility is clean and empty.

Claim 56 (Original):   The computer readable medium of claim 52, wherein the movement
information includes an indication of whether the transportation device is clean and empty.

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Claim 57 (Previously Presented): The computer readable medium of claim 52, having further instructions stored thereon to cause the programmable processor to provide a recall interface wherein a given lot can be identified as contaminated and the contaminated lot and any lots of a similar type commingled with the contaminated lot are identified and recalled based on the lot identification information, the movement information, and the storage information.

Claim 58 (Original): The computer readable medium of claim 52, wherein the storage information includes an identification of any lots stored in the storage facility since the last indicated clean and empty status.

Claim 59 (Original): The computer readable medium of claim 52, wherein the movement information includes an identification of any lots moved in the transportation device since the last indicated clean and empty status.

Claim 60 (Original): The computer-readable medium of claim 55, having further instructions stored thereon to cause the programmable processor to:

provide a contract interface so that a customer can define a contract as part of the lot tracking program; and

monitor a contract status a prevent the generation of a contract in excess of the lot tracking program.

Claim 61 (Withdrawn): A computer-readable medium comprising instructions stored thereon to cause a programmable processor to
create a database table comprising:

a first field for storing a unique lot identifier;

a second field for storing a time stamp;

a third field for storing a unique location identifier; and

update the database with information received relating to the database fields.

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Claim 62 (Withdrawn):   The computer-readable medium of claim 61, wherein a new lot
    identifier is assigned to each new lot and a new lot is created each time two lots are
    commingled.

Claim 63 (Withdrawn):   The computer-readable medium of claim 61, wherein the time
    stamp includes a first time and date the lot is moved into a location and a second time and
    date that the lot is moved out of the location.

Claim 64 (Withdrawn):   The computer-readable medium of claim 61 comprising further
    instructions stored thereon to cause the programmable processor to create a fourth field in
    the database for indicating whether other products are commingled with the lot.

Claim 65 (Withdrawn):   The computer-readable medium of claim 61 comprising further
    instructions stored thereon to cause the programmable processor to create a fourth field in
    the database for indicating whether the location is clean and empty.

Claim 66 (Withdrawn):   The computer-readable medium of claim 61 comprising further
    instructions stored thereon to cause the programmable processor to trace an identified lot
    and determine each location the identified lot has been in previously.

Claim 67 (Withdrawn):   The computer-readable medium of claim 66, wherein the trace also
    indicates any other lots commingled with the identified lot.

Claim 68 (Previously Presented):   A system comprising:
    a database to store movement tracking information relating to a unique identification of a
        lot, a location of the lot, and timing information; and
    a web server to generate a tracking screen for tracing the movement and storage of the lot
        based on the database and to identify any commingled products of a similar type
        that have been stored together into a single lot.

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Claim 69 (Original): The system of claim 68, wherein the web server further comprises a program configuration module configured to allow a customer to define a program for tracking the lot.

Claim 70 (Original): The system of claim 69, wherein the program provides a checklist for handling the lot.

Claim 71 Original): The system of claim 69, further comprising a contract module that allows the customer to generate a contract with a producer for a quantity of a product defining the lot.

Claim 72 (Original): The system of claim 71, wherein the contract module prevents the generation of a contract in excess of a predetermined maximum order.

Claim 73 (Original): The system of claim 69, wherein the program configuration module allows the customer to define certification requirements for handling the lot.

Claim 74 (Original): The system of claim 70, wherein the certification requirements include electronically delivering certification documents to the system.

Claim 75 (Original): The system of claim 68, further comprising:
an audit, certification and testing module configured to allow transporters of the lot to identify a specific transportation device, a time the lot enters the transportation device, a time the lot leaves the transportation device, and a clean and empty status of the transportation device.

Claim 76 (Original): The system of claim 68, wherein the system is in communication with a business entity and receives movement tracking information from the business entity.

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Claim 77 (Original):   The system of claim 68, further comprising a contract module for
        facilitating and monitoring contracts wherein the contract module prevents the generation
        of a contract in excess of a predetermined order maximum.

Claim 78 (Original):   The system of claim 68, further comprising an audit, certification and
        testing module configured to allow storage facilities that store the lot to identify a specific
        storage location, a time the lot enters the storage location, a time the lot leaves the storage
        location, and a clean and empty status of the storage location.

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Claim 79 (Withdrawn):   A system configured to track of movements of a product lot

between a producer of the product, transporters of the product, and storage units that store

the product, the system comprising:

a database;

a server configured to

receive production information from the producer, the production

information including an identification of a seed variety used for

the lot, the field the lot was grown on, a farm storage location,

timing data indicating when the lot was stored and when the lot

was shipped from the farm storage location, an identification of

commingled products, and a certification certifying at least a

portion of the production information;

receive transportation information from a transporter of the lot, the

transportation information including an identification of the

transportation device, a time received in the transportation device,

a time unloaded from the transportation device, an identification of

products commingled during transportation, and a certification

certifying at least a portion of the transportation information;

receive storage information including an identification of the storage

facility, a time received by the storage facility, a time delivered

from the storage facility, an identification of products commingled

during storage, and a certification certifying at least a portion of the

storage information;

store the received production information, transportation information, and

storage information in the database; and

generate tracing information for the lot.

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Claim 80 (Withdrawn):   A system configured to track of movements of a grown product lot
between a producer of the product, transporters of the product, and storage units that store
the product, the system comprising:

a database; and

a server configured to

receive production information from the producer, the production
information including an identification of a seed variety used for
the lot, the field the lot was grown on, a farm storage location,
timing data indicating when the lot was stored and when the lot
was shipped from the farm storage location, an indication when the
farm storage location is clean and empty, and a certification
certifying at least a portion of the production information;

receive transportation information from a transporter of the lot, the
transportation information including an identification of the
transportation device, a time received in the transportation device,
a time unloaded from the transportation device, an indication when
the transportation device is clean and empty, and a certification
certifying at least a portion of the transportation information;

receive storage information including an identification of the storage
facility, a time received by the storage facility, a time delivered
from the storage facility, an indication when the storage facility is
clean and empty, and a certification certifying at least a portion of
the storage information;

store the received production information, transportation information, and
storage information in the database; and

generate tracing information for the lot.

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Claim 81 (Currently Amended):   A method comprising:

    receiving product movement information including a location status and a time stamp,

        wherein the time stamp identifies when a product is moved;

    storing the product movement information in a database; and

    generating a report, based on the product movement information, that identifies

        identifying a location status for each product location and any other products of a

        similar type that have been stored together commingled with the product into a

        single lot.

Claim 82 (Original):   The method of claim 81, wherein the product movement information

    includes a unique product identifier that includes a designation of a farm, a field and time

    harvested.

Claim 83 (Original):   The method of claim 81, further comprising recalling a lot determined to

    be contaminated.

Claim 84 (Withdrawn):   A system comprising:

    a database to store product movement information including a location, a location status,

        and a time; and

    a lot tracking module to generate a tracking information for the product based on the

        product movement information stored in the database.

Claim 85 (Withdrawn):   The system of claim 84 further comprising an audit, certification

    and testing module configured to receive the product movement information.

Claim 86 (Withdrawn):   The system of claim 84, wherein the lot tracking module identifies

    commingled products based on the product movement information.

Claim 87 (Withdrawn):   The system of claim 84, further comprising a program

    configuration module that receives and presents customer programs.

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